

# LONDON DATA CENTER CAMPUS OVERVIEW

Bringing you IT capacity in Europe's largest market.



## FEATURES

- 5-acre (2 hectares) campus
- 48MW of critical IT load
- Two planned, multi-story data centers
- 430,000 SF (40,000 M<sup>2</sup>) of leasable data center space
- 300W/SF (3.23kW/M<sup>2</sup>) average density
- Class A building amenities including office, conference rooms, break rooms and more

## SPECIFICATIONS

POWER 48MW of IT capacity

POWER DENSITY Up to 300W/SF

SQUARE FEET 430,000 SF

## AMENITIES

- Dedicated offices and workspaces customizable to your needs
- Secure storage with easy access between data modules
- Multiple conference rooms and meeting spaces throughout the campus
- Located in London's PowerGate district

## POWER

- HV substation of 110MVA, including 80MVA dedicated to support LHR1
- Power provided by National Grid, the region's leading energy provider
- Multiple, diverse power feeds supporting the campus
- 400V electrical configuration
- All systems 100% concurrently maintainable

## COOLING

- N+1 overall, N+2 component-level redundancy across mechanical systems
- Computer Room Air Handling (CRAH) units located in two galleries on opposite sides of each data module allow for highly efficient airflow distribution
- Closed-loop chilled water system with air-side economizers
- Water Utilization Efficiency (WUE) is near zero (liters/kW/hr) using the latest cooling design

## CONNECTIVITY

- Two meet-me-rooms (MMRs) for each data center on campus, allowing for diverse paths and multiple connectivity options
- Four points-of-entry (POEs) for the campus, ensuring maximum path diversity for inbound carriers
- Diverse fiber pathways into the campus (minimum 2 paths per carrier)

## SECURITY

- On-site security operations center with patrols 24x7x365
- CCTV on all access control points throughout the entire campus
- Dual authentication for customer and critical infrastructure areas
- Visitor Management System with controlled and monitored access points and stringent access control policy